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**Education:**

- M.M.A. (Cand.) Marine Affairs, University of Washington

**Thesis Title:**

- Incorporating Cumulative Effects Analysis into Nearshore and Estuarine Ecosystem Management: A Case Study of Port Townsend Bay

**Research Interests - Expertise:**

- Estuarine and nearshore marine ecosystem structure and dynamics
- Estuarine ecology and life history strategies of juvenile salmonid fishes
- Overwater structure and dredging impacts to juvenile salmon and other marine fishes
- Marine protected area design and implementation
- Overwater structure design

**Positions Held:**

- Research Assistant-University of Washington. School of Aquatic and Fishery Sciences 1998-1999
- Research Assistant-Battelle Pacific Northwest Marine Laboratories 1999
- Research Assistant-University of Washington, School of Aquatic and Fishery Sciences 2000-2001
- Research Consultant-Jefferson County Marine Resources Committee 2000
- Marina and marine services management - 1982-1996
- Marina environmental education model project development and management- Quartermaster Harbor Marina, Quartermaster Harbor Yacht Club, Port of Seattle, Shilshole Bay Marina, Port of Port Townsend Boat Haven, Fleet Marine at Point Hudson, Port Townsend. 1990-1992

**Other Affiliations:**

- Jefferson County Marine Resources Committee, Board Member
- Jefferson Land Trust, Board Member
- Wild Olympic Salmon, Board Member

**Reports and Publications:**

Simenstad, C.A., B.J. Nightingale, R.M. Thom, and D.K. Shreffler. 1999. Impacts of Ferry Terminals to Migrating Juvenile Salmon Along Puget Sound Shorelines. Washington State Transportation Center (TRAC). Washington State Transportation Commission. U.S. Dept. of Transportation.

Nightingale, B.J. and C.A. Simenstad. 2001. Overwater Structures: Marine Issues. Washington State Transportation Center (TRAC). Washington Dept. of Fish and Wildlife. Washington Dept. of Ecology.

Nightingale, B.J. and C.A. Simenstad. 2001. Dredging: Marine Issues. Washington State Transportation Center (TRAC). Washington Dept. of Fish and Wildlife. Washington Dept. of Ecology

Nightingale, B.J. 2000. Status of Marine Resources in Jefferson County. Report to the Jefferson County Marine Resources Committee.

Nightingale, B.J. 2000. An Annotated Bibliography of the Status of Marine Resources in Jefferson County. Report to the Jefferson County Marine Resources Committee